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DIALOG(R) File 351:Derwent WPI

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Hydrofluoric acid purificn. - comprises adding fluorine to hydrofluoric

acid contg. arsenic cpd., and distilling

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Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 61151002	A	19860709	JP 84280090	A	19841225	198634 B
JP 90038521	B	19900830	JP 84280090	A	19841225	199039

Priority Applications (No Type Date): JP 84280090 A 19841225; JP 85194140 A 19850902

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 61151002	A		9		

Abstract (Basic): JP 61151002 A

Fluorine is added to the hydrofluoric acid contg. an arsenic cpd. so that it reacts with the arsenic cpd., and the resulting hydrofluoric acid is distilled.

USE/ADVANTAGE - Hydrofluoric acid contg. an arsenic cpd(s) can be purified to such a level that the arsenic concn. of the resulting hydrofluoric acid is 10 power (-4) p.p.m. The purificn. process does not cause sec. pollution. The amt. of the fluorine to be added is quite small compared to the reagent used in conventional process and it can be easily and completely removed by hydrolysis. (9pp Dwg.No.0/0)

Derwent Class: E36

International Patent Class (Additional): C01B-007/19; C01G-028/00

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